

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

03/26/2011

Kevin Powers  
Assistant District Attorney, Norfolk County

Dear ADA Powers,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]  
Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Dookhan and Lisa Glazer.
3. Control Cards with analytical results for sample # [REDACTED]
4. Analysis sheets with the chemist's hand notations and test results.
5. GC/MS Spectral analytical data for sample # [REDACTED]

Lisa Glazer was the custodial chemists and performed the testing and net weight for this sample.  
Annie Dookhan was the confirmatory chemist and analyzed the GC/MS data.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".  
Annie Dookhan  
Chemist II  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6631

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

*The Commonwealth of Massachusetts*  
*Executive Office of Health and Human Services*  
*Department of Public Health*  
*State Laboratory Institute*

Boston Drug Laboratory  
Tel (617) 983-6622  
Fax (617) 983-6625

Amherst Drug Laboratory  
Tel (413) 545-2601  
Fax (413) 545-2608

Boston Hours

8:00 – 11:00  
2:00 – 4:00

Amherst Hours  
9:00 – 12:00  
1:00 – 3:00

**DRUG RECEIPT**

City or Department: Quincy Police Reference No.: [REDACTED]

Name and Rank of Submitting Officer: Det. WARD COON

Defendant(s) Name (last, first, initial):  
[REDACTED]

To be completed by Submitter  
Description of Items Submitted

To be completed by Lab Personnel  
Gross Weight      Lab Number

One Paper fold of white Binder	2.18 gm	<span style="background-color: black; color: black;">[REDACTED]</span>

Received by: SJ

Date: 7.15.10

**PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION**

## *The Commonwealth of Massachusetts*

## *Executive Office of Health and Human Services*

## *Department of Public Health*

## *State Laboratory Institute*

**Boston Drug Laboratory**  
Tel (617) 983-6622  
Fax (617) 983-6625

## Boston Hours

8:00 – 11:00

2:00 – 4:00

**Amherst Drug Laboratory**  
Tel (413) 545-2601  
Fax (413) 545-2608

Tel (413) 545-2601

Fax (413) 545-2608

## **DRUG RECEIPT**

Amherst Hours

9:00 – 12:00

1:00 - 3:00

City or Department: Quincy Police Reference No.

**Police Reference No.**

Name and Rank of Submitting Officer: Det. W. #102 C.O.

**Defendant(s) Name (last, first, initial):**

the first time in the history of the world, the people of the United States have been called upon to decide whether they will submit to the law of force, or the law of the Constitution.

**To be completed by Submitter**

### Description of Items Submitted

*To be completed by Lab Personnel*

**Gross Weight**

### Lab Number

One P/B of White Powder 2.05 gm


**Received by:** 

Date: 7-15-10

## Curriculum Vitae

### Annie Khan (Dookhan)

#### **Education:**

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.  
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

#### **Experience:**

2003 – present

#### Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\* Responsible for the Quality Control/Quality Assurance program for the drug lab.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

#### QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

#### **Additional Training:**

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

#### **Association:**

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Lisa A. Glazer

### Education

#### **Bachelor of Science Degree, CHEMISTRY January 2006**

UNIVERSITY OF NEW HAVEN

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

#### **Bachelor of Science Degree, FORENSIC SCIENCE January 2006**

UNIVERSITY OF NEW HAVEN

Coursework included: Organic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus, Biology, Criminal Justice and Forensic Science courses

### Employment

#### **Chemist I, II State Laboratory Institute (May 2007-Present)**

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2007.

#### **Laboratory Technician I (August 2006 – May 2007)**

University of Connecticut Chemistry Department - Storrs, CT

- Prepared unknowns, chemical reagents and supplies for undergraduate chemistry courses
- Set-up experiment demonstrations
- Properly disposed of hazardous waste from the experiments
- Made sure labs were being conducted safely
- Kept track of student laboratory paperwork, inventoried glassware and chemicals and helped clean glassware

#### **Intern (September 2005 – November 2005)**

CONNECTICUT STATE POLICE FORENSIC LABORATORY - Meriden, CT

- Worked on a Pyrolysis Gas Chromatography project
- Observed in the GSR testing, Forensic Biology, DNA, Questioned Documents, Black and White Photo, Latent Prints, Firearms, Trace Evidence and Color Photo Units

### Trainings

#### **Multijurisdictional Counterdrug Task Force Training (May 20, 2008)**

Current Drug Trends – Methuen, MA

#### **Multijurisdictional Counterdrug Task Force Training (May 6, 2009 - May 7, 2009)**

Courtroom Testimony – Methuen, MA

#### **DEA Forensic Chemist Seminar (June 21, 2010 - June 25, 2010)**

Sterling, VA

No. [REDACTED]

Date Analyzed: 10-07-10

City: Quincy Police Dept.

Officer: Detective BRIAN COEN

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 1 Cont: paper fold

Date Rec'd: 07/14/2010 [REDACTED]

No. Analyzed:

Gross Wt.: 2.18 ✓

Net Weight: 0.10g

# Tests:

\* 2 AS<sup>S</sup> cocaine

Prelim:

COCAINE

Findings:

COCAINE

No. [REDACTED]

Date Analyzed: 10-07-10

City: Quincy Police Dept.

Officer: Detective BRIAN COEN

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 07/14/2010 [REDACTED]

No. Analyzed:

Gross Wt.: 2.05 ✓

Net Weight: 0.46g

# Tests:

\* 2 AS<sup>S</sup> cocaine

Prelim:

COCAINE

Findings:

COCAINE

# DRUG POWDER ANALYSIS FORM

SAMPLE #

AGENCY

ANALYST

No. of samples tested:

Evidence Wt.

PHYSICAL DESCRIPTION:

Signed & Sealed  
- 1 paper fold w/  
white substance

Gross Wt ( ):

Gross Wt ( ): 0.8140gPkg. Wt: 0.7065gNet Wt: 0.1075gPRELIMINARY TESTSSpot Tests

Cobalt Thiocyanate ( )   
Marquis \_\_\_\_\_  
Froehde's \_\_\_\_\_  
Mecke's \_\_\_\_\_

Microcrystalline Tests

Gold Chloride \_\_\_\_\_  
TLTA ( ) 

OTHER TESTS

\_\_\_\_\_  
\_\_\_\_\_

PRELIMINARY TEST RESULTS

RESULTS COCAINE  
DATE 10/4/10

GC/MS CONFIRMATORY TEST

RESULTS COCAINE  
MS OPERATOR ASD  
DATE 10/7/10

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED]

AGENCY QuincyANALYST JHG

No. of samples tested: \_\_\_\_\_

Evidence Wt. ✓ \_\_\_\_\_PHYSICAL DESCRIPTION:Signed & sealed

Gross Wt ( ): \_\_\_\_\_

1 pb w/ off white  
substanceGross Wt ( ): 0.5657gPkg. Wt: 0.0962gNet Wt: 0.4695gPRELIMINARY TESTSSpot Tests

Cobalt Thiocyanate ( )

Marquis \_\_\_\_\_

Froehde's \_\_\_\_\_

Mecke's \_\_\_\_\_

Microcrystalline Tests

Gold Chloride \_\_\_\_\_

TLTA ( )

OTHER TESTSPRELIMINARY TEST RESULTS

RESULTS cochineal  
DATE 10/5/10

GC/MS CONFIRMATORY TEST

RESULTS cochineal  
MS OPERATOR A50  
DATE 10/7/10

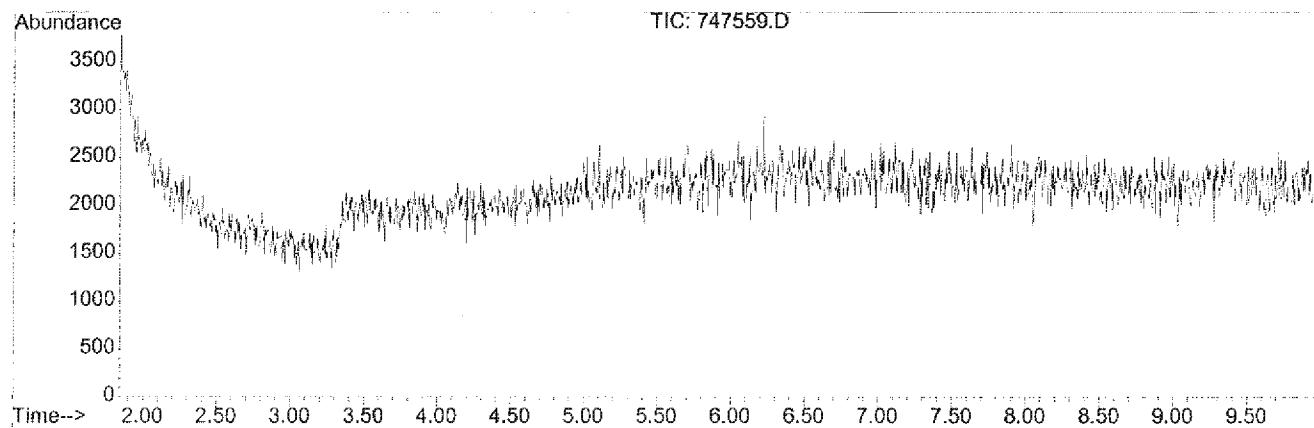
# Area Percent / Library Search Report

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Information from Data File:

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Operator : ASD  
Date Acquired : 6 Oct 2010 20:54  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: DRUGS  
Integrator : RTE

✓ 3.25-1  
3.25-1



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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

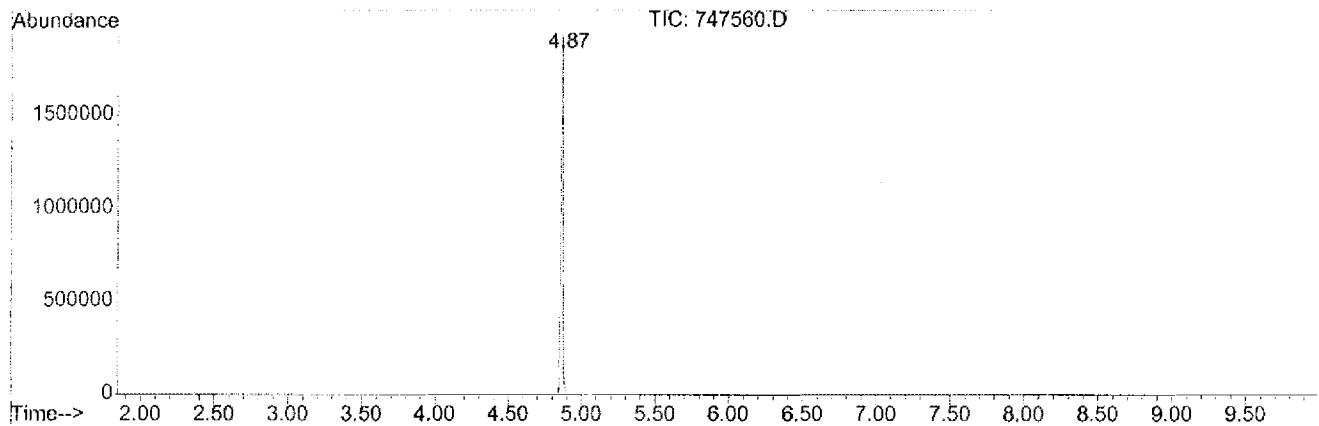
# Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10\_06\_10\747560.D  
Operator : ASD  
Date Acquired : 6 Oct 2010 21:07  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 60  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
4.867	1938810	100.00	100.00

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# Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10\_06\_10\747560.D  
Operator : ASD  
Date Acquired : 6 Oct 2010 21:07  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 60  
AcquisitionMeth: DRUGS  
Integrator : RTE

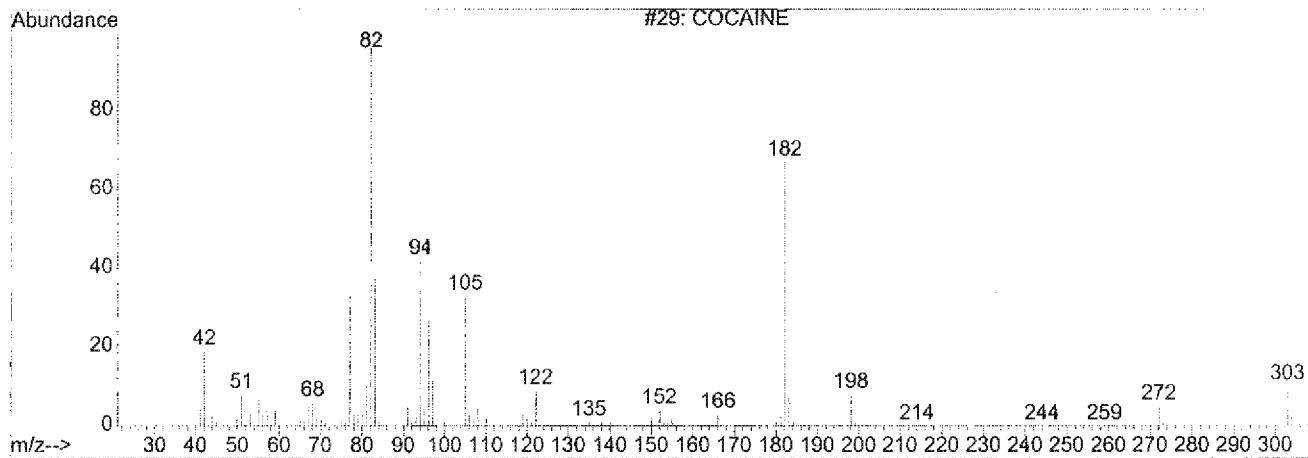
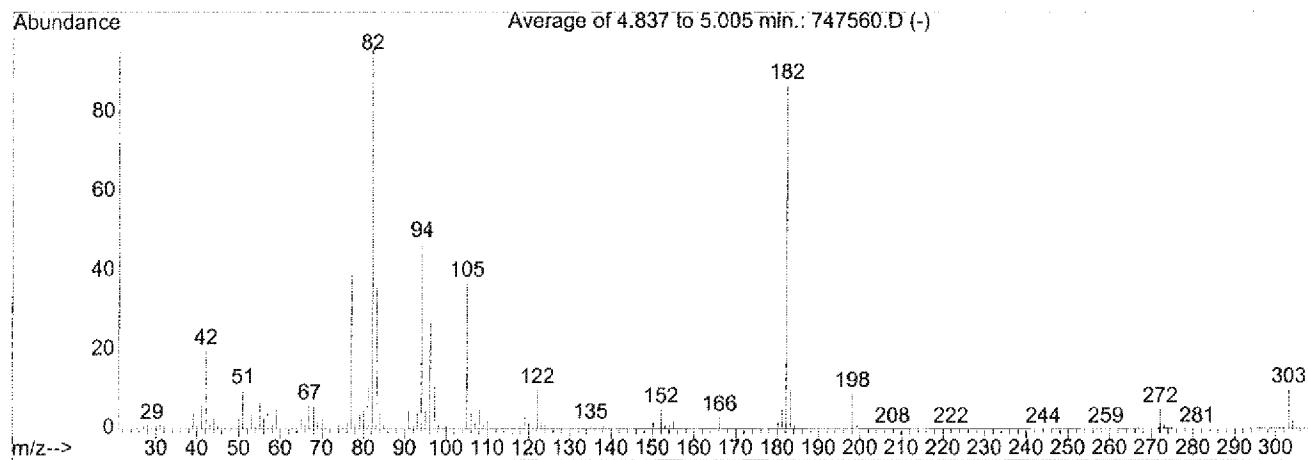
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Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

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PK#	RT	Library/ID	CAS#	Qual
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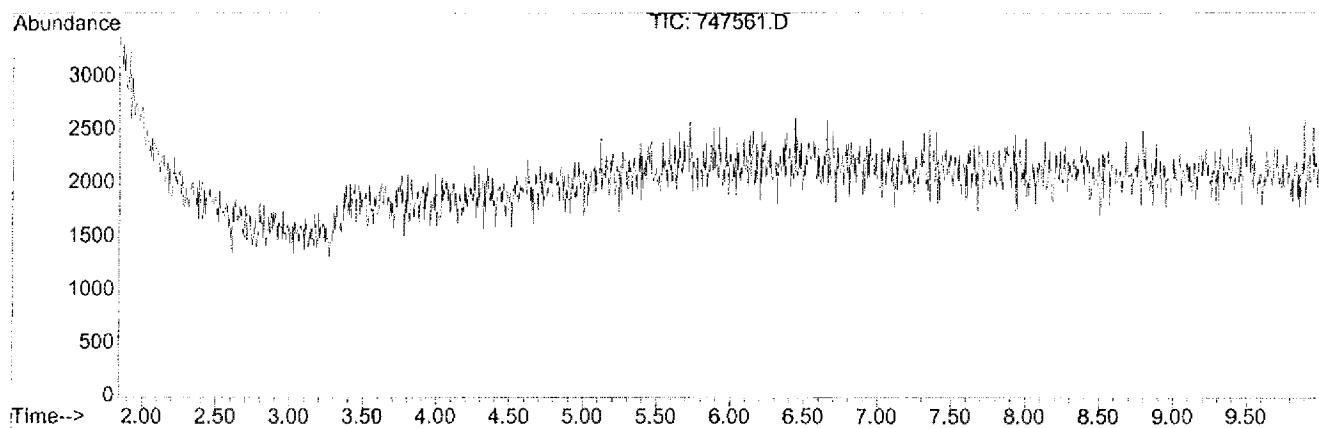
# Area Percent / Library Search Report

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Operator : ASD  
Date Acquired : 6 Oct 2010 21:19  
Sample Name : BLANK  
Submitted by : LAG  
Vial Number : 2  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

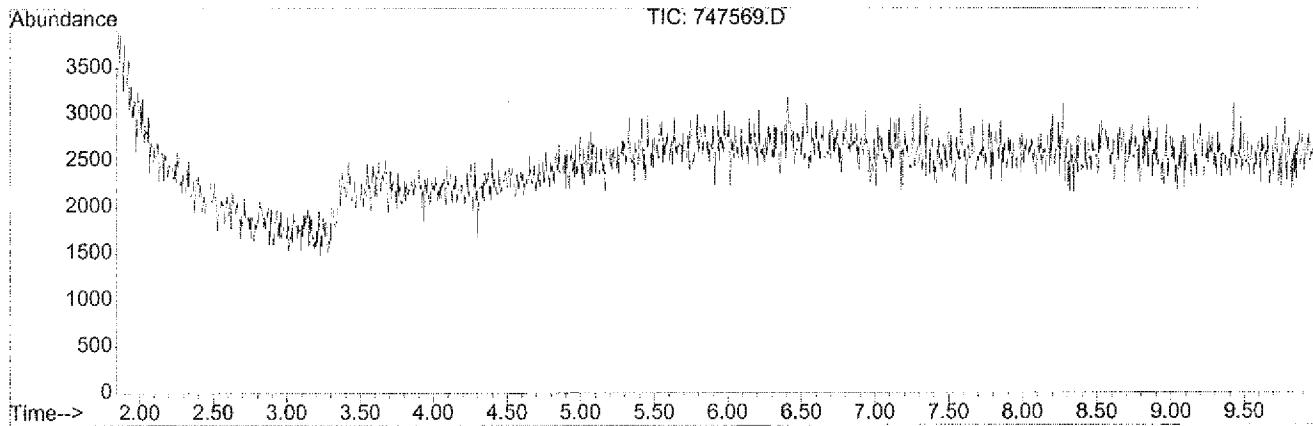
# Area Percent / Library Search Report

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File Name : F:\Q4-2010\SYSTEM8\10\_06\_10\747569.D  
Operator : ASD  
Date Acquired : 6 Oct 2010 22:58  
Sample Name : BLANK  
Submitted by : LAG  
Vial Number : 2  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

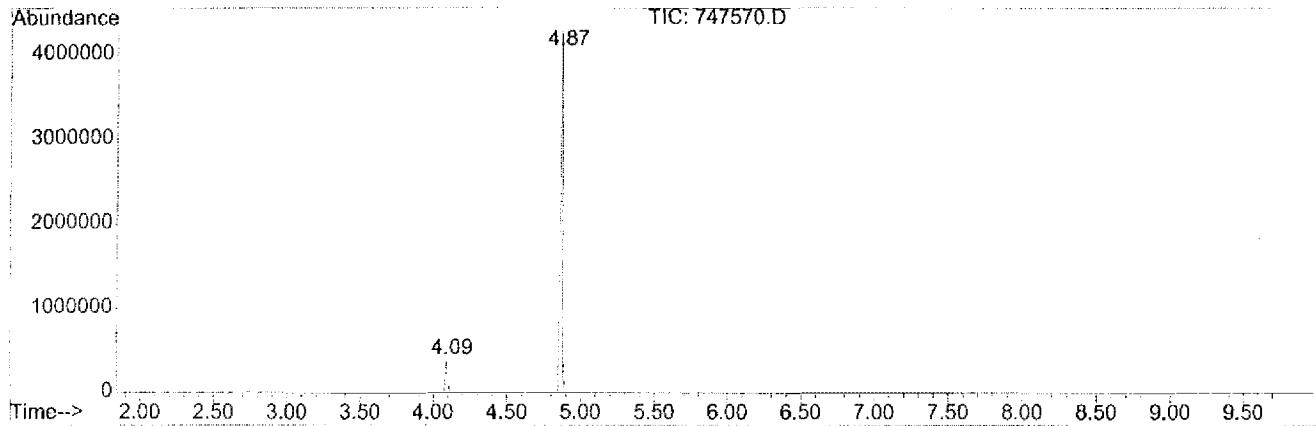
# Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10\_06\_10\747570.D  
Operator : ASD  
Date Acquired : 6 Oct 2010 23:11  
Sample Name : XXXXXXXXXX  
Submitted by : LAG  
Vial Number : 70  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
4.088	426431	8.71	9.54
4.867	4469539	91.29	100.00

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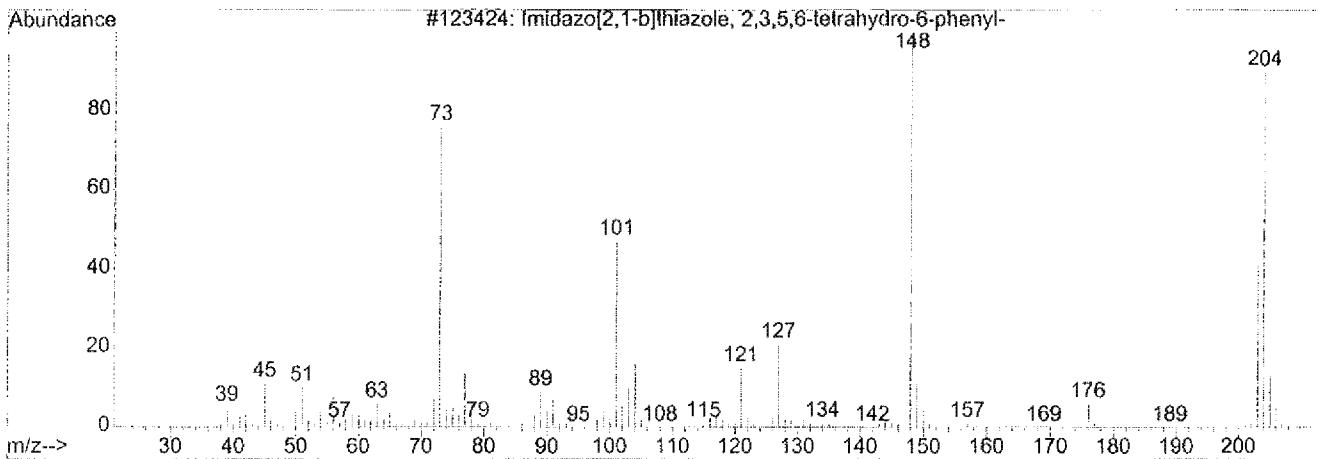
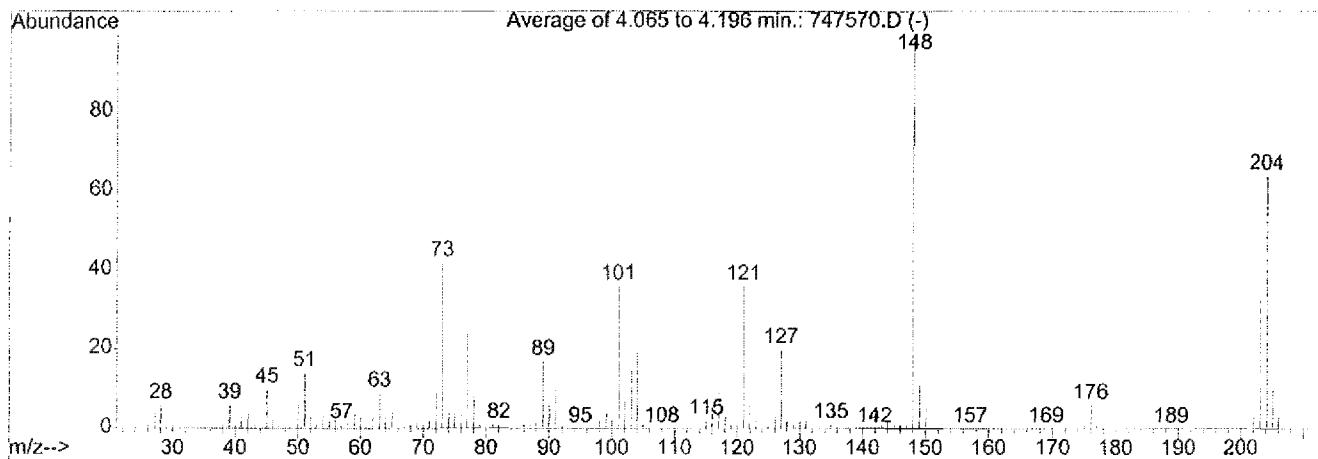
# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q4-2010\SYSTEM8\10\_06\_10\747570.D  
Operator : ASD  
Date Acquired : 6 Oct 2010 23:11  
Sample Name : XXXXXXXXXX  
Submitted by : LAG  
Vial Number : 70  
AcquisitionMeth: DRUGS  
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.09	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	96



# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q4-2010\SYSTEM8\10\_06\_10\747570.D  
Operator : ASD  
Date Acquired : 6 Oct 2010 23:11  
Sample Name : XXXXXXXXXX  
Submitted by : LAG  
Vial Number : 70  
AcquisitionMeth: DRUGS  
Integrator : RTE

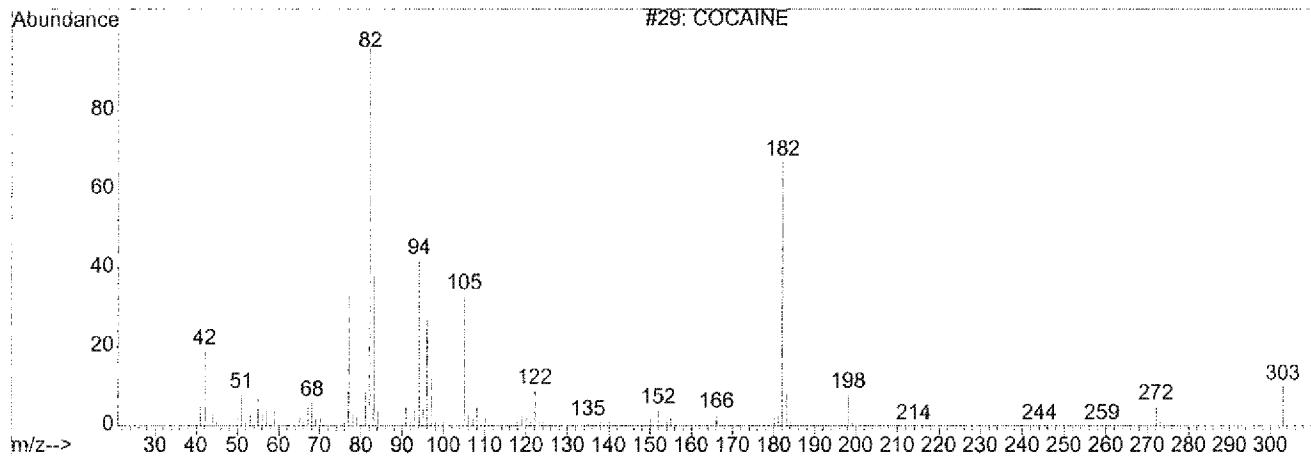
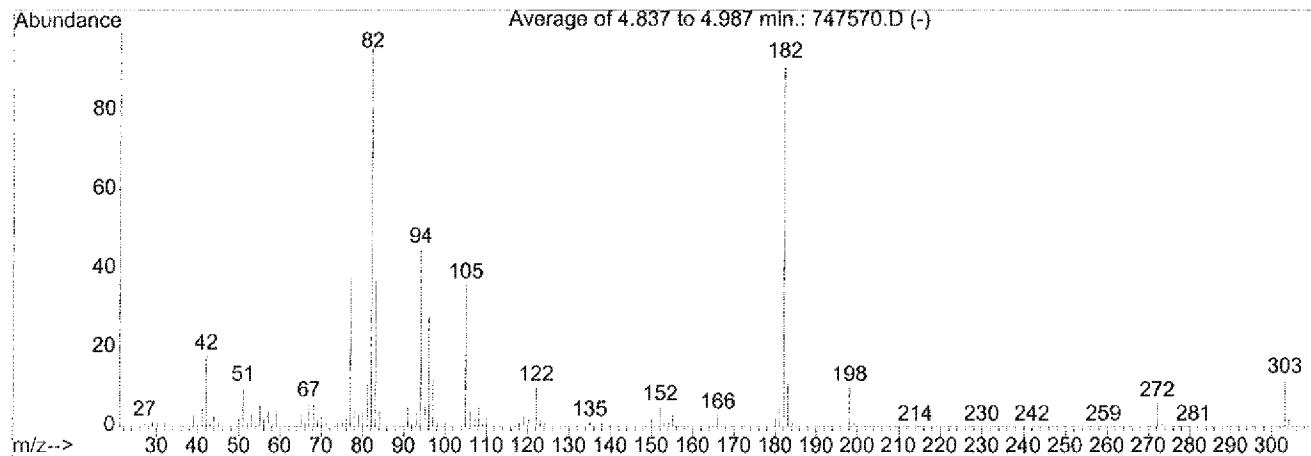
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Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

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PK#	RT	Library/ID	CAS#	Qual
2	4.87	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

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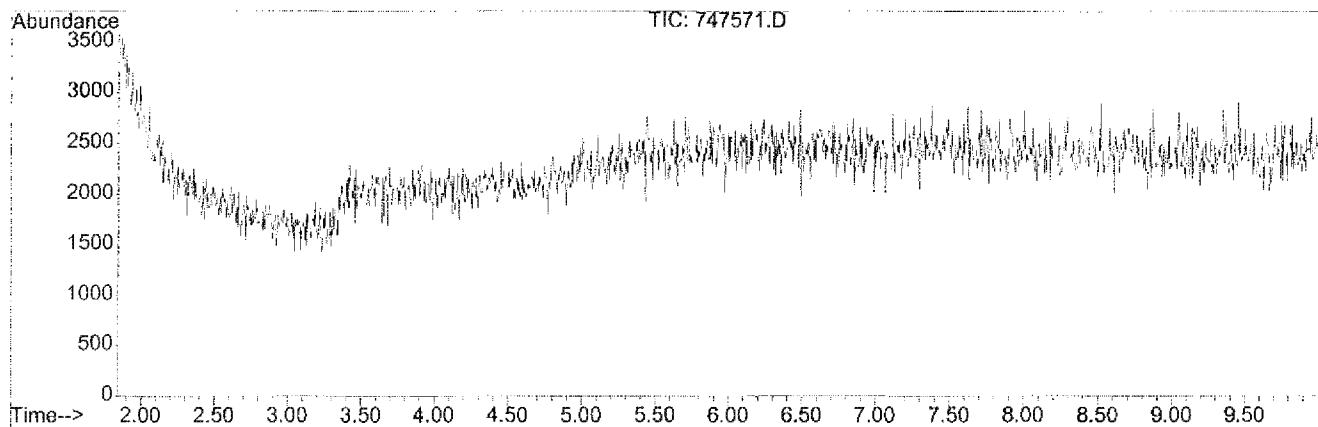
# Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10\_06\_10\747571.D  
Operator : ASD  
Date Acquired : 6 Oct 2010 23:23  
Sample Name : BLANK  
Submitted by : LAG  
Vial Number : 2  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

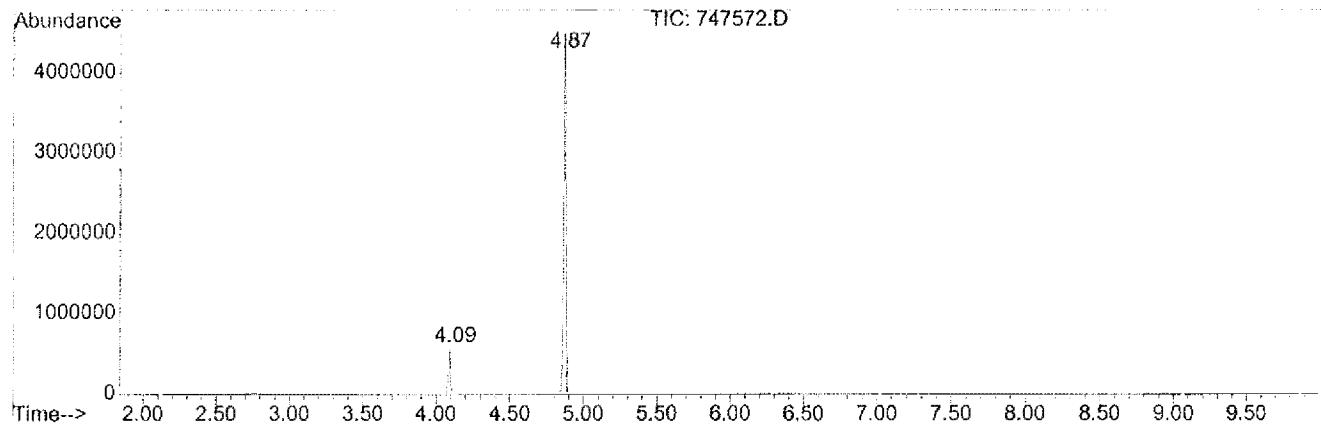
# Area Percent / Library Search Report

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**Information from Data File:**

File Name : F:\Q4-2010\SYSTEM8\10\_06\_10\747572.D  
Operator : ASD  
Date Acquired : 6 Oct 2010 23:35  
Sample Name : XXXXXXXXXX  
Submitted by : LAG  
Vial Number : 72  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
4.089	621243	11.16	12.57
4.867	4943083	88.84	100.00

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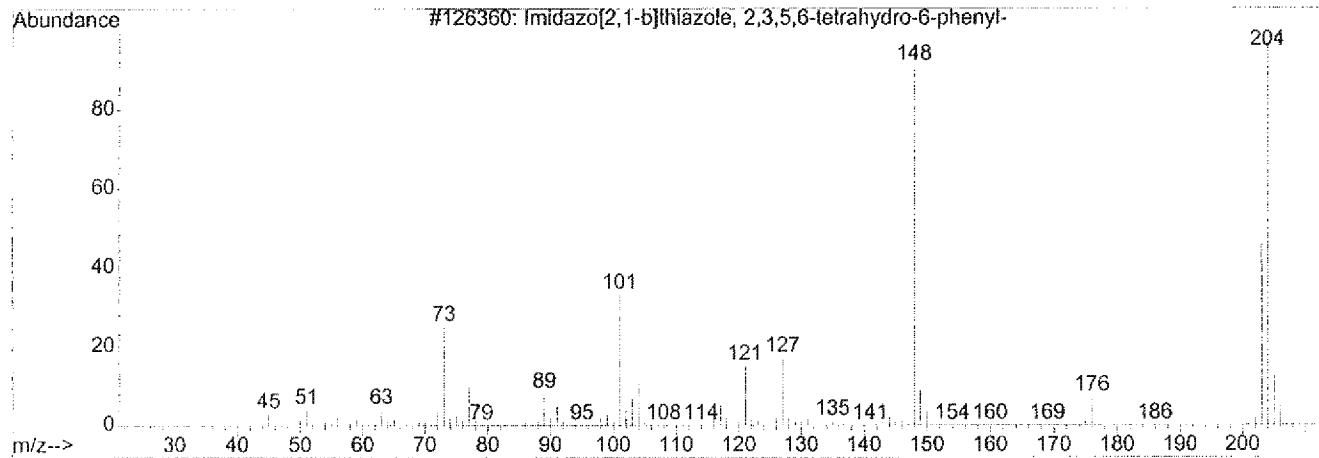
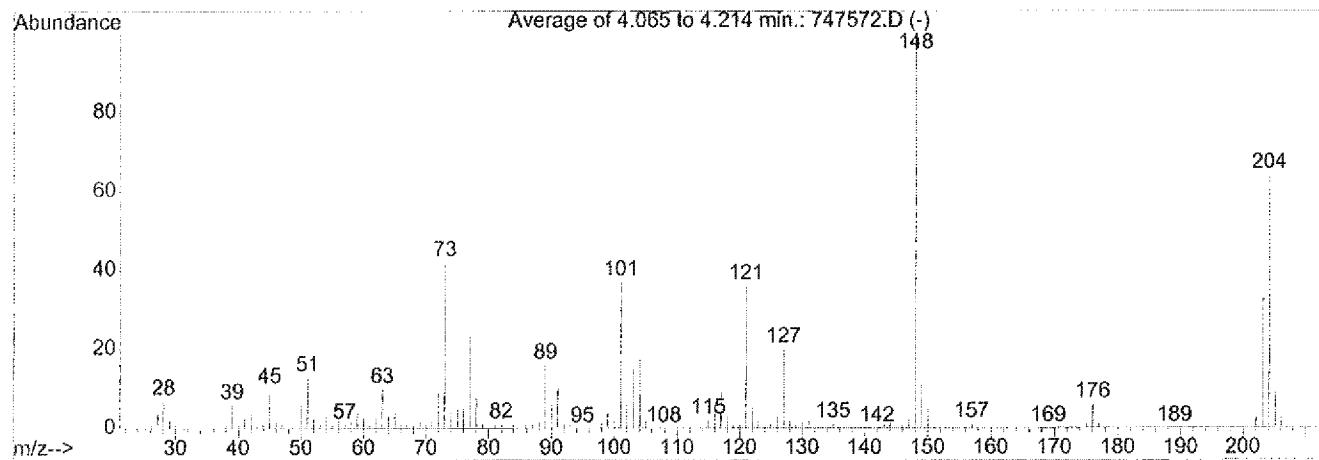
# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q4-2010\SYSTEM8\10\_06\_10\747572.D  
 Operator : ASD  
 Date Acquired : 6 Oct 2010 23:35  
 Sample Name : XXXXXXXXXX  
 Submitted by : LAG  
 Vial Number : 72  
 AcquisitionMeth: DRUGS  
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
                   C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
                   C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.09	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97
		Levamisole Hydrochloride	016595-80-5	96



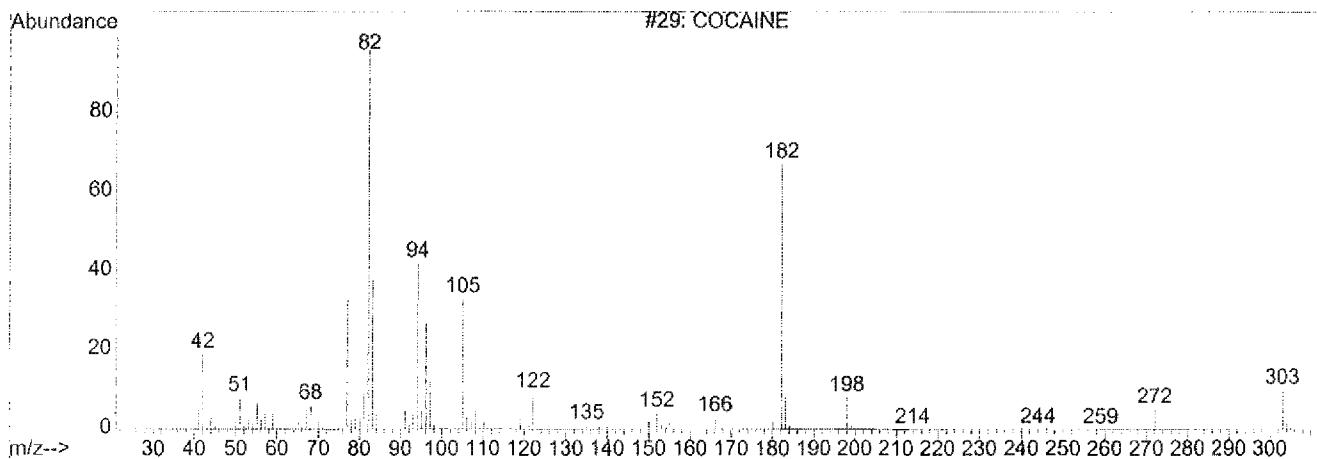
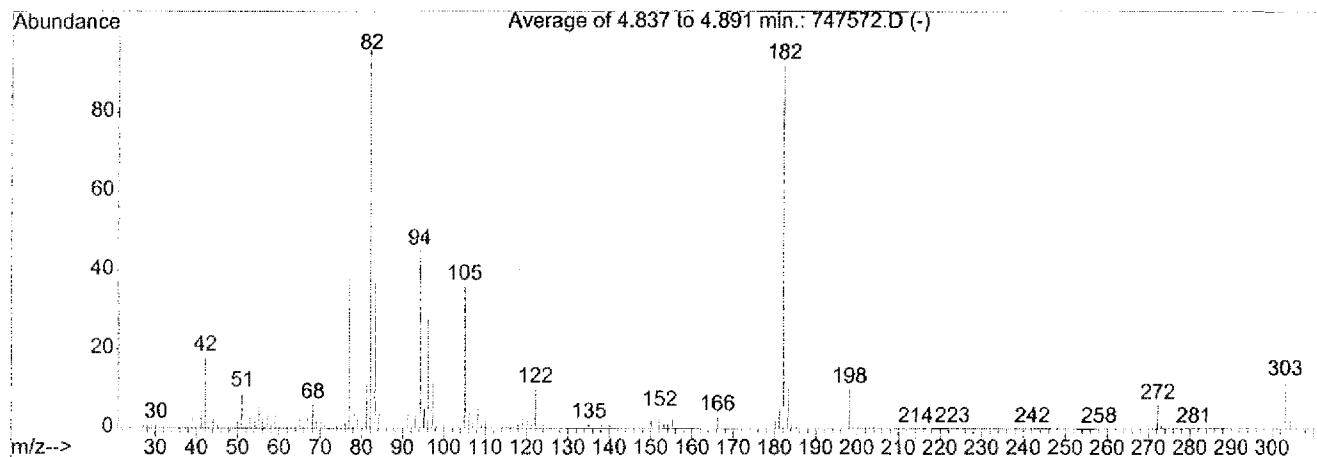
# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q4-2010\SYSTEM8\10\_06\_10\747572.D  
Operator : ASD  
Date Acquired : 6 Oct 2010 23:35  
Sample Name : XXXXXXXXXX  
Submitted by : LAG  
Vial Number : 72  
AcquisitionMeth: DRUGS  
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
2	4.87	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



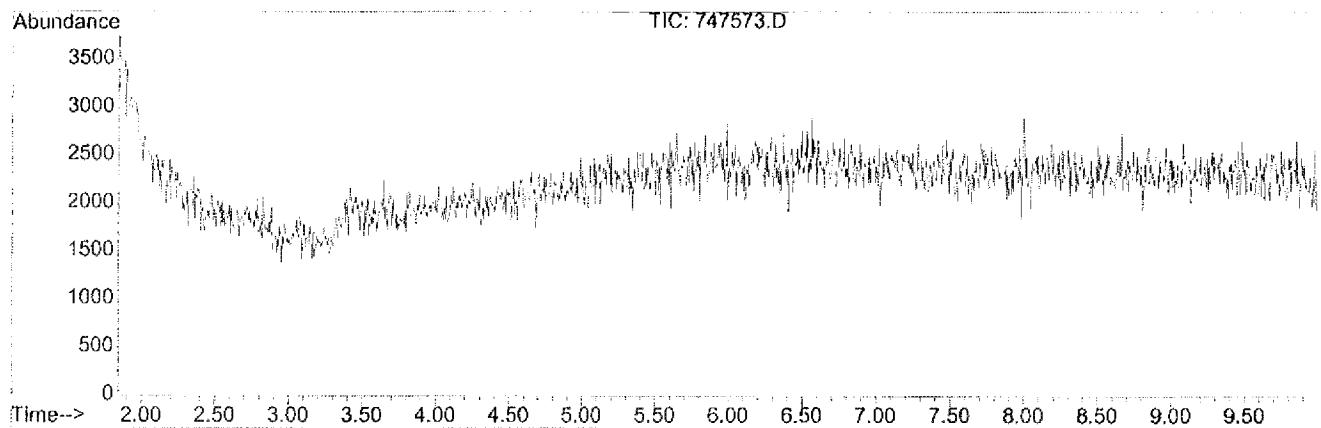
# Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10\_06\_10\747573.D  
Operator : ASD  
Date Acquired : 6 Oct 2010 23:48  
Sample Name : BLANK  
Submitted by : LAG  
Vial Number : 2  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

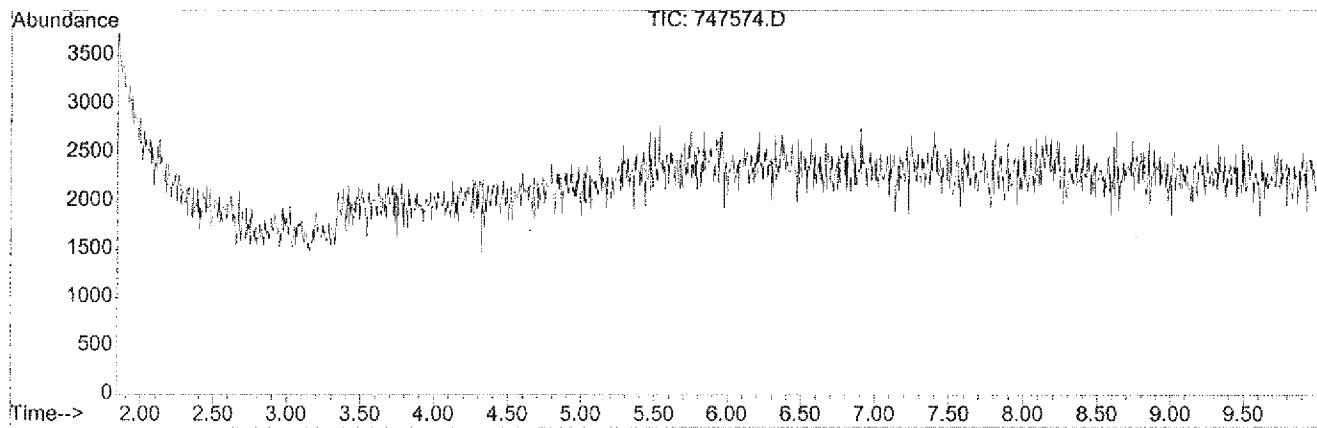
# Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10\_06\_10\747574.D  
Operator : ASD  
Date Acquired : 7 Oct 2010 00:00  
Sample Name : BLANK  
Submitted by : LAG  
Vial Number : 2  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

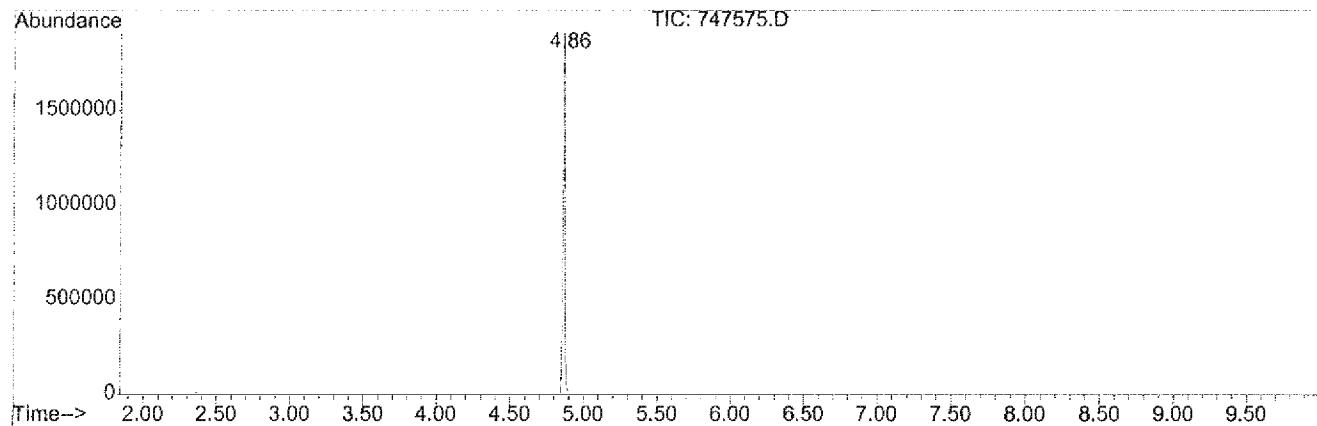
# Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10\_06\_10\747575.D  
Operator : ASD  
Date Acquired : 7 Oct 2010 00:13  
Sample Name : COCAINE STD  
Submitted by : LAG  
Vial Number : 60  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
4.861	1987392	100.00	100.00

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# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q4-2010\SYSTEM8\10\_06\_10\747575.D  
Operator : ASD  
Date Acquired : 7 Oct 2010 00:13  
Sample Name : COCAINE STD  
Submitted by : LAG  
Vial Number : 60  
AcquisitionMeth: DRUGS  
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.86	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

